WATER SUPPLY OUTLOOK

BITTERROOT RIVER BASIN

MONTANA

as of

JUNE 1, 1967

UNITED STATES DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Data included in this report were obtained in cooperation with other Federal, State and private organizations

The water supply outlook on the Bitterroot drainage will remain a little above average for the remainder of the irrigation season. The mountain snow pack is melting but remains above average. Total runoff for May was a little below average, which is the result of well below average flow during the first half of the month and above average flow the last half of the month.

STREAMFLOW (APRIL THROUGH SEPTEMBER)

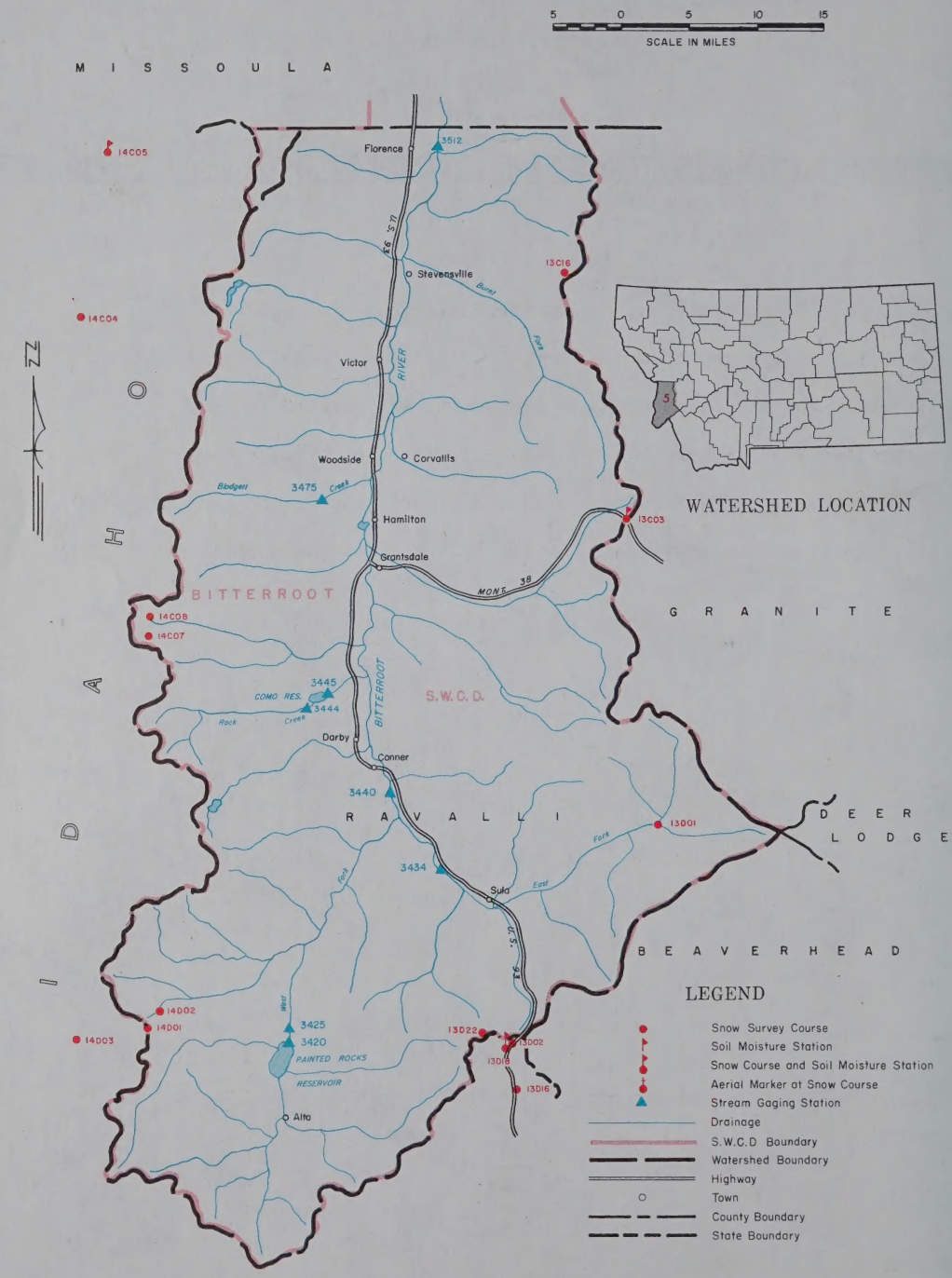
STREAM GAGING STA.	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1948-62 Average	1963	1964	1965	1966
STATION 3440 BITTERROOT RIVER NEAR DARBY	765	605	630	663	608	557	523	540	740	515	531	593	521	398	545	582	534	783	740	
STATION NO. 3475 BLODGETT CREEK NEAR CORVALLIS	51.3	45	51	46	42	40	52	45	51	42	42	47	36	39	41	45	35	48	55	

Report prepared by

U. S. DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
SNOW SURVEY AND WATER SUPPLY FORECASTING UNIT
BOX 98, BOZEMAN, MONTANA 59715

"The Conservation of Water begins with the Snow Survey"

BITTERROOT RIVER BASIN



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SNOW SURVEY DATA

WATERSHED 5

AS OF MAY 15, 1967

(Inches)

SNOW COURSE NO.	NAME	ELEVATION	CURRENT DATA: DATE OF SURVEY	CURRENT DATA: SNOW DEPTH	CURRENT DATA: WATER CONTENT	PAST RECORD: WATER CONTENT: LAST YEAR	PAST RECORD: WATER CONTENT: AVERAGE
13D02	Gibbons Pass	7100	5/15	67	28.8	2.6	20.1*
14C07	Lost Horse	5940	5/16	78	36.3	11.8	-
13D22	Saddle Mountain	7940	5/15	82	36.6	12.4	-
13C03	Skalkaho Summit	7260	5/17	74	33.1	12.4	-
14C08	Twin Lakes	6510	5/16	108	49.3	21.4	-

JUNE 1, 1967

13D02	Gibbons Pass	7100	5/29	30	15.4	0.0	6.7*
14C07	Lost Horse	5940	5/28	54	26.6	3.0	-
13D22	Saddle Mountain	7940	5/29	49	25.7	0.0	-
13C03	Skalkaho Summit	7260	5/31	41	23.4	1.2	14.1*
14C08	Twin Lakes	6510	5/28	75	39.0	9.4	-

SOIL MOISTURE DATA

AS OF JUNE 1, 1967

(Inches)

SOIL MOISTURE STATION NO.	NAME	ELEVATION	SOIL PROFILE: DEPTH	SOIL PROFILE: FIELD CAPACITY	CURRENT DATA: DATE OF SURVEY	CURRENT DATA: SOIL MOISTURE	PAST RECORD: LAST YEAR	PAST RECORD: **AVERAGE
13D18M	Gibbons Pass	7100	48	7.1	5/29	6.8	6.8	7.0
14C05M	Lolo Pass	5250	48	10.6	5/29	9.6	9.8	10.4
13C03M	Skalkaho Summit	7260	48	10.8	5/31	10.1	9.8	-

NOTE: ALL AVERAGES BASED ON 1948-1962 (15 YEAR PERIOD). *ADJUSTED AVERAGE **AVERAGE FOR PERIOD OF RECORD

WATER SUPPLY FORECASTS

WATERSHED 5

AS OF JUNE 1, 1967

(1000 Acre Feet)

NO.	RIVER AND FORECAST POINT	FORECAST PERIOD	FORECAST THIS YEAR	PERCENT AVERAGE	MEASURED FLOW	
					LAST YEAR*	AVERAGE
	BITTERROOT RIVER					
3440	Darby (near)	June-Sept	360	117	130	307

*PROVISIONAL DATA FURNISHED BY U. S. GEOLOGICAL SURVEY

RESERVOIR STORAGE DATA

AS OF MAY 31, 1967

(1000 Acre Feet)

NO.	RESERVOIR	USABLE CAPACITY	THIS YEAR	LAST YEAR	AVERAGE
3420	Painted Rocks	31.7	33.4	32.4	32.4
3445	Como	34.9	24.2	27.8	29.0

NOTE: ALL AVERAGES BASED ON 1948-1962 (15 YEAR PERIOD).